

# SEQUENCE LISTING

<110> Mirkin, Chad A.  
 Letsinger, Robert L.  
 Mucic, Robert C.  
 Storhoff, James J.  
 Elghanian, Robert

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO  
 AND USES THEREFOR

<130> 4149-1-1

<140> Not Yet Assigned  
 <141> 1999-01-29

<150> PCT/US97/12783  
 <151> 1997-07-21

<150> 60/031,809  
 <151> 1996-07-29

<160> 42

<170> PatentIn Ver. 2.0

<210> 1  
 <211> 20  
 <212> DNA  
 <213> NONE

<400> 1  
 aaacgactct agcgcgtata 20

<210> 2  
 <211> 20  
 <212> DNA  
 <213> NONE

<400> 2  
 atggcaacta tacgcgctag 20

<210> 3  
 <211> 16  
 <212> DNA  
 <213> NONE

<400> 3

16

<210> 4

<211>: 16

<212> DNA

<213> NONE

<400> 4

gagggaaatc tcaagg

16

<210> 5

<211> 18

<212> DNA

<213> NONE

<400> 5

aacttgcgct aatggcga

18

<210> 6

<211> 26

<212> DNA

<213> NONE

<400> 6

aagttgcgct ttacggctaa tggcga

26

<210> 7

<211> 15

<212> DNA

<213> NONE

<400> 7

tctccttccc ttttc

15

<210> 8

<211> 15

<212> DNA

<213> NONE

<400> 8

gaaaagggaa ggaga

15

<210> 9

<211> 15

<212> DNA

<213> NONE

<400> 9

cttttccctt cctct

15

<210> 10

<211> 28

<212> DNA

<213> NONE

<400> 10

aaacgactct agcgcgata gttgccat

28

<210> 11

<211> 28

<212> DNA

<213> NONE

<400> 11

atggcaacta tacgcgctag agtcgttt

28

<210> 12

<211> 15

<212> DNA

<213> NONE

<400> 12

cctatcgacc atgct

15

<210> 13

<211> 30

<212> DNA

<213> NONE

<400> 13

agcatggtcg ataggaaacg actctagcgc

30

<210> 14

<211> 15

<212> DNA

<213> NONE

<400> 14

gcgctagagt cgttt

15

<210> 15

<211> 30

<212> DNA

<213> NONE

<400> 15

agcatggtcg ataggatggc aactatacgc

30

<210> 16

<211> 24

<212> DNA

<213> NONE

<400> 16

gtcgatagga aacgactcta gcgc

24

<210> 17

<211> 30

<212> DNA

<213> NONE

<400> 17

agcatgggtg ataggaaacg actctagcgc

30

<210> 18

<211> 30

<212> DNA

<213> NONE

<400> 18

agcatgtttg ataggaaacg actctagcgc

30

<210> 19

<211> 12

<212> DNA

<213> NONE

<400> 19

tctcaactcg ta

12

<210> 20

<211> 12

<212> DNA

<213> NONE

<400> 20

cgcattcagg at

12

<210> 21

<211> 24

<212> DNA

<213> NONE

<400> 21

tacgagttga gagagtgcc acat

24

<210> 22

<211> 24

<212> DNA

<213> NONE

<400> 22

tacgagttga gaatcctgaa tgcg

24

<210> 23

<211> 24

<212> DNA

<213> NONE

<400> 23

tacgagttga gaatcctgaa tgct

24

<210> 24

<211> 24

<212> DNA

<213> NONE

<400> 24

tacgagttga gactcctgaa tgcg

24

<210> 25

<211> 23

<212> DNA

<213> NONE

<400> 25

tacgagttga gaatcctgaa tgc

23

<210> 26

<211> 25

<212> DNA

<213> NONE

<400> 26

tacgagttga gacatcctga atgcg

25

<210> 27

<211> 24

<212> DNA

<213> NONE

<400> 27

tacgagttga gaatcctgaa tgcg

24

<210> 28

<211> 12

<212> DNA

<213> NONE

<400> 28

taggacttac gc

12

<210> 29

<211> 48

<212> DNA

<213> NONE

<400> 29

tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg

48

<210> 30

<211> 24

<212> DNA

<213> NONE

<400> 30

tgcattgattg cctcgtctta acgg

24

<210> 31

<211> 72

<212> DNA

<213> NONE

<400> 31

tacgagttga gaccgttaag acgaggcaat catgcatata ttggacgctt tacggacaac  
atcctgaatg cg

60  
72

<210> 32

<211> 48

<212> DNA

<213> NONE

<400> 32

gttgtccgta aagcgccaa tatatgcatg attgcctcgt cttaacgg

48

<210> 33

<211> 12

<212> DNA

<213> NONE

<400> 33  
tctcaactcg ta

12

<210> 34  
<211> 24  
<212> DNA  
<213> NONE

<400> 34  
tacgagttga gaatcctgaa tgcg

24

<210> 35  
<211> 12  
<212> DNA  
<213> NONE

<400> 35  
cgcattcagg at

12

<210> 36  
<211> 141  
<212> DNA  
<213> ANTHRAX

<400> 36  
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60  
attattgtta aatattgata aggatataag aaaaatatta tccaggggta tattgtagaa 120  
attgaagata ctgaagggt t 141

<210> 37  
<211> 15  
<212> DNA  
<213> NONE

<400> 37  
taacaataat ccctc

15

<210> 38  
<211> 15  
<212> DNA  
<213> NONE

<400> 38  
atccttatca atatt

15

<210> 39  
<211> 30  
<212> DNA

[illegible]

30

<213> NONE

25

<213> NONE

27

<213> NONE

29